

## Roofing

# Bradstone Crofters Slates



A single size, stone-effect roofing slate that is economically priced and simple to lay.

- Readily available, highly acceptable reconstructed stone alternative to natural stone slates
- One size main slate for total simplicity
- The slates ease of laying and ready availability reduce time and costs associated with second-hand material
- Slates have 2 holes and are hung using metal pegs or stout nails
- Suitable for roofs down to a minimum pitch of 25°
- Crofters range consists of main slates, under ridge and eaves slates with matching accessories including ridge, hip and ventilation units.

### Applications

External roofs, extensions and new builds where a natural appearance is required.

### Manufacturing standard

All Aggregate Industries' roofing slates comply with BS EN 490: 2004 (concrete roofing tiles and fittings – product specification).

All Aggregate Industries' products are manufactured in accordance with ISO 9001 with factory compliance to ISO 14001.

Aggregate Industries' roof slates are moulded from hand-dressed natural stone slates by means of a specifically developed technique which reproduces the fine detail of the originals on the textured face. A range of masters is used to avoid noticeable repetition of profiles.

### Performance

Product testing is carried out in accordance with BS EN 491:2004 (concrete roofing tiles and fittings – test methods).

### Complementary products

The Bradstone range of reconstructed stone walling.



### Colour swatch



1. Weathered Buff

### Crofters Slates

Type	Main slate	Half slate	Under eave/ridge	Ridge/hip unit	Gas and ridge vent	Slate vent
Length (mm)	550	550	350	600, 450	450	550
Width (mm)	425	212.5	425	n/a	n/a	425
Weight (kg)	8.16	4.1	6.0	600 = 11.7/ 450 = 8.8	10	10
Units/m <sup>2</sup> (approx)	10.0	20	16.5	36.75 lin m	n/a	n/a
No. per pack	120	100	45	35 x 600, 35 x 450	n/a	1 per box
M <sup>2</sup> /pack (approx)	12.0	5.0	2.73	n/a	n/a	n/a
Pack weight (T)	0.98	0.41	0.27	0.72	n/a	n/a
Colour available	All	All	All	All	All	All

Ridge units – For roof pitches up to 35°, a 110° (internal angle) ridge unit is available in 600mm lengths.

For roof pitches above 35°, a 90° (internal angle) ridge unit is available in 450 and 600mm lengths.

Nails and Pegs – Hanging over batten: 40mm long x 4.5mm or 5mm dia. Aluminium tile pegs. Nailing through batten: 40/45mm long x 3.35 dia. Clout head nails.

# Bradstone Crofters Slates



Main slate



Slate vent



Half slate



Ridge unit



Ridge vent unit



Gas flue ridge unit

## Sustainability and local sourcing

**Energy use:** Aggregate Industries is at the forefront of sustainability and has committed to reduce carbon emissions by 20% by 2016 based on a 2012 base line.

**Recyclable:** 100% of the product can be recycled thus reducing the amount of material that is sent to landfill.

**Manufacturing location:** produced in the UK, with locally sourced materials under strict environmental and social legislation, for local supply.

**Responsible sourcing:** Aggregate Industries is the first company in the world to achieve a BES 6001:2008 Responsible Sourcing Certificate from BRE Global. Products are assessed on:

- quality management
- environmental management
- health and safety management
- greenhouse gas emissions
- minimising raw material usage
- labour practice
- biodiversity
- community engagement.

## Key aggregate

Aggregate Industries' roofing slates are manufactured principally from naturally occurring aggregates, ordinary Portland cement and colouring pigments, cast in moulds.

## Generic green guide rating

There is currently no generic rating for reconstructed stone roofing.

## Policies

Aggregate Industries' policies on the environment and community, health and safety and sustainable solutions for different product applications can be viewed on our website [www.aggregate.com](http://www.aggregate.com)

## Installation standard

**Weight:** Crofters slates have an average laid weight (5% m.c by volume) of approximately 90kg/m<sup>2</sup> when fixed to a standard 80mm head lap. Ridge units weigh approximately 23.5kg/m run; hip units weigh approximately 23.5kg/m run.

**Lap:** Minimum head lap 80mm. Minimum side lap 75mm.

**Batten size:** Batten section – 50 x 25mm.

**Rafter centres:** Up to 600mm. When ordering batten approximately 6m run of batten to m<sup>2</sup> as laid is required.

**Quantities and guides:** On receipt of a firm order, Aggregate Industries will schedule the actual quantities of slates and fittings required. A battening and coursing guide for the specific roof will be supplied and this should be strictly adhered to.

## Maintenance and cleaning

Aggregate Industries can supply on request advice on general maintenance. For more information on the service call our sales office on 01285 646884.

## COSHH data

Full COSHH data on Aggregate Industries' products is available on request. Please call the technical helpline on 01285 646846.

## Technical support

Detailed guidance and assistance with the preparation of specification and use of Bradstone range of products is available through the sales offices. A free technical service is also available

**Call our technical services on 01285 646846.**

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[www.aggregate.com](http://www.aggregate.com)



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